

Daughter Board Selection Guide

TABLE 1

Digital I/O Daughter Board Selection Guide

ISA BUS I/O Board	DB-16R	DB-24R	DB-24RD	DB-24PR	DB-24PRD	DB-24C	DB-24POR	DB-24SSR	DB-16P8R	DB-16P	DB-24P	DB-24PD
Function	Digital Output								D/I/O	Digital Input		
Din-Rail Mount		Option	Option	Option	Option	Option	Option	Option	Option		Option	Option
Page	79	80	80	81	81	85	83	86	84	78	82	82
ISA-Bus Non-Isolated A/D D/A Board												
PCI-1802	●			★		★	★	★		●		
PCI-1800	●			★		★	★	★		●		
PCI-1602	●			★		★	★	★		●		
PCI-1202\	●			★		★	★	★		●		
PCI-1002	●			★		★	★	★		●		
PIO-DA16	●			★		★	★	★		●		
PIO-DA8	●			★		★	★	★		●		
PIO-DA4	●			★		★	★	★		●		
PCI-Bus Isolated D/A Board												
PISO-DA16	●			★		★	★	★		●		
PISO-DA8	●			★		★	★	★		●		
PISO-DA4	●			★		★	★	★		●		
PCI-Bus Digital I/O Board												
PIO-D144		●	●	●	●	●	●	●	●		●	●
PIO-D96		●	●	●	●	●	●	●	●		●	●
PIO-D64	●			★		★	★	★		●		
PIO-D56	●		●	★	●	●	●	●	●	●		●
PIO-D48		●	●	●	●	●	●	●	●		●	●
PIO-D24			●		●	●	●	●	●			
PISO-730	●			★		★	★	★		●		
PCI-Bus Timer/Counter Board												
PCI-TMC12	●			★		★	★	★		●		
ISA-Bus I/O Board												
A-826PG	●			★		★	★	★		●		
A-823PG	●			★		★	★	★		●		
A-822PG	●			★		★	★	★		●		
A-821PG	●			★		★	★	★		●		
A-812PG	●			★		★	★	★		●		
A-8111	●			★		★	★	★		●		
A-628	●			★		★	★	★		●		
A-626	●			★		★	★	★		●		
ISA-Bus Digital I/O Board												
DIO-144		●	●	●	●	●	●	●	●		●	●
DIO-96		●	●	●	●	●	●	●	●		●	●
DIO-48		●	●	●	●	●	●	●	●		●	●
DIO-24		●	●	●	●	●	●	●	●		●	●
DIO-64	●			★		★	★	★		●		
ISA-Bus Isolated D/A Board												
ISO-DA16	●			★		★	★	★		●		
ISO-DA8	●			★		★	★	★		●		

● : Fully function support ★ : Using 20-pin header, 16-channel support only (Cable Option: /F)

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TABLE 2

General Purpose Screw Terminal Board Selection Guide for PCI-Bus I/O Boards

PCI-Bus I/O Board	DB-8025	DB-8125	DB-8225	DB-8325	DB-8425	DB-1825	DB-889D	DB-37	DN-20	DN-37	DN-50
Function	Analog Input Screw Terminal Board						MUX	General Purpose Screw Terminal Board			
Din-Rail Mount			Option			Option			Standard	Standard	Standard
Page	88	88	88	88	88	88	87	88	93	93	93
PCI-Bus Non-Isolated A/D D/A Board											
PCI-1802	★	★				●		●	★	●	
PCI-1800	★	★	●				●	●	★	●	
PCI-1602	★	★				●		●	★	●	
PCI-1202	★	★				●		●	★	●	
PCI-1002	★	★				●		●	★	●	
PCI-821	★	★	●				●	●	★	●	
PIO-DA16	★	★						●	★	●	
PIO-DA8	★	★						●	★	●	
PIO-DA4	★	★						●	★	●	
PCI-Bus Isolated A/D D/A Board								●		●	
PISO-813				●				●		●	
PISO-DA16	★	★						●	★	●	
PISO-DA8	★	★						●	★	●	
PISO-DA4	★	★						●	★	●	
PISO-DA2					●						
PCI-Bus Isolated Digital I/O Board											
PCI-P16R16								●		●	
PCI-P16C16								●		●	
PCI-P16POR16								●		●	
PISO-P8R8								●		●	
PISO-P8SSR8								●		●	
PISO-P32C32								●		●	
PISO-P64								●		●	
PISO-C64								●		●	
PISO-730	★	★						●	★	●	
PCI-Bus Non-Isolated Digital I/O Board											
PIO-D144								●		●	●
PIO-D96								●		●	●
PIO-D64	●	●						●	●	●	
PIO-D56	★	★						●	★	●	●
PIO-D48								●		●	●
PIO-D24								●		●	
PCI-Bus Timer/Counter Board											
PCI-TMC12	★	★						●	★	●	

● : Recommended Daughter Board ★ : Connect to 20-pin header Only (Digital I/O)

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TABLE 3

General Purpose Screw Terminal Board Selection Guide for ISA-Bus I/O Boards

ISA BUS I/O Board	DB-8025	DB-8125	DB-8225	DB-8325	DB-1825	DB-889D	DB-37	DN-37	DN-50	DN-50
Function	Analog INput Screw Terminal Board					MUX	General Purpose Screw Terminal Board			
Din-Rail Mount			Option		Option		Option	Standard	Standard	Standard
Page	88	88	88	88	88	87	88	93	93	93
ISA-Bus Non-Isolated A/D D/A Board										
A-826PG	★	★	●				●	★	●	
A-823PG	★	★	●			●	●	★	●	
A-822PG	★	★	●			●	●	★	●	
A-821PG	★	★	●			●	●	★	●	
A-812PG	●	●						●		
A-8111	★	★	●			●	●	★	●	
A-628	★	★					●	★	●	
A-626	★	★					●	★	●	
ISA-Bus Isolated A/D D/A Board										
ISO-AD32							●		●	
ISO-LDH							●		●	
ISO-DA16	★	★					●	★	●	
ISO-DA8	★	★					●	★	●	
ISA-Bus Non-Isolated Digital I/O Board										
DIO-144										●
DIO-96										●
DIO-64	●	●						●		
DIO-D48										●
DIO-D24										●
ISA-Bus Isolated Digital I/O Board										
P16R16DIO							●		●	
P8R8DIO							●		●	
ISO-P32C32							●		●	
ISO-P64							●		●	
ISO-C64							●		●	
ISA-Bus Timer/Counter Board										
TMC-10							●		●	

● : Recommended Screw Terminal Board ★ : Connect to 20-pin header only (Digital I/O)

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TABLE 4, TABLE 5, TABLE 6

Motion Control Daughter Board Selection Guide

TABLE 4

Motion Control Board	DB-8R	DB-200	DN-25
Function	Relay Board	Encoder Interface Board	General Purpose Screw Terminal Board
DIN-Rail Mount			●
PCI-Bus Motion Control Board			
PISO-PS300			●
ISA-Bus Motion Control Board			
SERVO-300		●	●
STEPPER-200			●
ENCODER-300			●

Optional Table for Digital I/O Daughter Board

TABLE 5

Model No.	Option Method			● Option 1		● Option 2			● Option 3	
				External Power Input (Relay Coil Voltage)		Cable Option			Without DIN-Rail Mount	With DIN-Rail Mount
	Model No.	●	●	●	CA-5015	CA-3710	CA-2010			
DB-24R	DB-24R	●	●	●	/12V	/24V	(Blank)		(Blank)	/DIN
DB-24RD	DB-24RD	●	●	●	/12V	/24V	(Blank)	/D	(Blank)	/DIN
DB-24PR	DB-24PR	●	●	●	/12V	/24V	(Blank)		/F	/DIN
DB-24PRD	DB-24PRD	●	●	●	/12V	/24V	(Blank)	/D		/DIN
DB-24C	DB-24C	●	●				(Blank)	/D	/F	/DIN
DB-24SSR	DB-24SSR	●	●				(Blank)	/D		/DIN
DB-24POR	DB-24POR	●	●				(Blank)	/D	/F	/DIN
DB-16P8R	DB-16P8R	●	●				(Blank)	/D	/F	/DIN
DB-24P	DB-24P			●			(Blank)			/DIN
DB-24PD	DB-24PD	●	●				(Blank)	/D		/DIN

Example: DB-24PRD/24V/D/DIN (DB-24PRD, 24V coil voltage, 37-pin D-sub Cable, DIN-Rail Mounting)

DB-24PRD/12V (DB-24PRD, 12V coil voltage, 50-pin flat cable, Without DIN-Rail Mounting)

Note: PIO-D144, PIO-D96, PIO-D48 Provides 37-pin D-sub connector and 50-pin header, make sure your selection first.

PIO-D24 provides 37-pin D-sub connector only, PIO-D56 provides 37-pin D-sub connector and 20-pin flat cable

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Optional Table for Screw Terminal Boards

TABLE 6

Model No.	Option Method			● Option 1		● Option 3	
				1 meter cable	2 meter cable	Without DIN-Rail Mount	With DIN-Rail Mount
DB-8225	DB-8225	●		/1	/2	(Blank)	/DIN
DB-1825	DB-1825	●	●	/1	/2	(Blank)	/DIN
DB-8325	DB-8325	●	●	/1	/2		
DN-20	DN-20	●		/1	/2	/N	(Blank)
DN-25	DN-25		●			/N	(Blank)
DN-37	DN-37	●	●	/1	/2	/N	(Blank)
DN-50	DN-50		●			/N	(Blank)

Example: DB-1825/2/DIN (DB-1825, 2 Meter D-sub 37-pin Cable, with DIN-Rail Mounting)

DB-1825/1 (DB-1825, 1 Meter D-sub 37-pin Cable, without DIN-Rail Mounting)

DN-20/1 (DN-37, 1 Meter 20-pin Flat Cable, with DIN-Rail Mounting)

DN-37/2/N (DN-37, 2 Meter D-sub 37-pin Cable, without DIN-Rail Mounting)